

64481-55 EMT(MB)/ET(C)/EMR(J)/EWA(C) RM
 ACCESSION NR: AP5021282

UR/0020/65/163/005/1159/1162

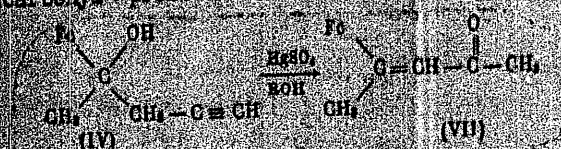
AUTHORS: Nesmeyanov, A. N. (Academician); Anisimov, K. N.; Kolobova, N. Ye.;
 Vagomedov, G. K. I.

TITLE: Isomerization of tertiary β -acetylene alcohols, derivatives of cyclo-
 pentadienylmanganese-tricarbonyl and ferrocene

SOURCE: AN SSSR. Doklady, v. 163, no. 5, 1965, 1159-1162

TOPIC TAGS: Isomeric transition, tertiary acetylene alcohol, ferrocene

ABSTRACT: The work is an extension of the investigation of A. N. Nesmeyanov, K. N. Anisimov and others (DAN, 158, 163, 1964). It was found that the isomerization of the various alcohols in the presence of retarders ferrocene and cyclopentadienylmanganese-tricarbonyl proceeds as follows:



Chem 1/3

NESMEYANOV, A.N.; MAGOMEDOV, G.K.; KOLOBOVA, N.Ye.; ANISIMOV, K.N.

Condensation of acetylcyclopentadienylmanganese tricarbonyl
into 2-butenon-4yl-2,4-biscyclopentadienylmanganese tricarbonyl.
Izv. AN SSSR. Ser. khim. no.8:1496-1497 '65. (MIRA 18:9)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

NESMEYANOV, A.N.; ZAYTSEV, V.A.; ANISIMOV, K.N.; LERNER, M.O.;
KOLOBOVA, N.Ye.; PORETSKAYA, A.P.; MAGOMEDOV, G.K.

Antidetonating effectiveness of some organic compounds of
manganese. Neftekhimiia 5 no.6:892-896 N-D '65. (MIRA 19:2)

1. Institut elementoorganicheskikh soyedineniy AN SSSR. Submitted
Nov. 12, 1964.

NESMEYANOV, A.N., akademik; ANISIMOV, K.N.; KOLOBOVA, N.Ye.; MAGOMEDOV,
G.K. - 1.

Isomerization of 2-hydroxy-4-pentyn-2-yl-cyclopentadienyl-
manganesetricarbonyl and 2-hydroxy-2-phenyl-4-methylpentyne
to the respective enones. Dokl. AN SSSR 158 no.1:163-166
S - 0 '64 (MIRA 17:8)

1. Institut elementoorganicheskikh soedineniy AN SSSR.

ANISIMOV, K.N.; KOLOBOVA, N.Ye.; MAGOMEDOV, G.K.; DVORYANTSEVA, G.G.

Ethers of 2-hydroxyhexen-5-yn-3-yl-2-cyclopentadienylmanganese
tricarbonyl. Izv. AN SSSR Ser. khim no.7:1320-1322 J1 '64.
(MIRA 17:2)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

Reaction of acetyl...

S/062/62/000/011/013/021
B101/B144

crystalline. The structures of the synthesized compounds were confirmed by the IR spectra. The relevant data will be published later. Compounds obtained: 2-hydroxy-2-cyclopentadienyl-manganese-tricarbonyl-butyne-3, yield 81%, b.p. $27^{\circ}\text{C}/10^{-2}$ mm Hg, n_D^{20} 1.5912, d_4^{20} 1.4131; 2,5-dihydroxy-2,5-bis-(cyclopentadienyl-manganese-tricarbonyl)-hexyne-3, m.p. $142 - 143^{\circ}\text{C}$ without decomposition, yield 40%; 2-hydroxy-2-cyclopentadienyl-manganese-tricarbonyl-4-phenyl-butyne-3, yield 71%, b.p. $70^{\circ}\text{C}/10^{-2}$ mm Hg, n_D^{20} 1.6238, d_4^{20} 1.3386; 2-hydroxy-2-cyclopentadienyl-manganese-tricarbonyl-hexen-5-yne-3, yield 90%, b.p. $80^{\circ}\text{C}/10^{-2}$ mm Hg, n_D^{20} 1.5945, d_4^{20} 1.3307; 2-hydroxy-2-cyclopentadienyl-manganese-tricarbonyl-pentyne-4, yield 63%, b.p. $40^{\circ}\text{C}/10^{-4}$ mm Hg, n_D^{20} 1.5850, d_4^{20} 1.3635.

ASSOCIATION: Institut elementoorganicheskikh soedineniy Akademii nauk SSSR
(Institute of Elemental Organic Compounds of the Academy of Sciences USSR)

SUBMITTED: June 4, 1962
Card 2/2

S/062/62/000/011/013/021
B101/B144

AUTHORS: Nesmeyanov, A. N., Anisimov, K. N., Kolobova, N. Ye., and
Magomedov, G. K.

TITLE: Reaction of acetyl cyclopentadienyl manganese tricarbonyl with
Grignard reagent and with Iotsich complex

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye khimicheskikh
nauk, no. 11, 1962, 2072 - 2073

TEXT: Reaction of acetyl cyclopentadienyl manganese tricarbonyl with the
corresponding Grignard reagents and with the Iotsich complex produced
tertiary alcohols of acetylenes with the general structure

$$\text{CH}_3 - \overset{\text{OH}}{\underset{\text{R}}{\text{C}}} - \text{C}_5\text{H}_4\text{Mn}(\text{CO})_3, \text{ R} = -\text{C}\equiv\text{CH}, -\text{C}\equiv\text{C}-\text{CH}=\text{CH}_2, -\text{CH}_2-\text{C}\equiv\text{CH}, -\text{C}\equiv\text{C}-\text{C}_6\text{H}_5, \text{ and the}$$

glycol $\text{HO}-\overset{\text{CH}_3}{\underset{\text{CH}_3}{\text{C}}}-\text{C}\equiv\text{C}-\overset{\text{CH}_3}{\underset{\text{CH}_3}{\text{C}}}-\text{OH}$. The alcohols are thick yellow liquids, the glycol is

$(\text{CO})_3\text{MnH}_4\overset{\text{C}_5}{\text{C}} \quad \text{C}_5\text{H}_4\text{Mn}(\text{CO})_3$

Card 1/2

MAGOMEDOV, G. G.

Magomedov, G. G.

"Species of lucerne among the natural flora of Dagestan and the possibility of their economic exploitation." Min Education RSFSR. Moscow Oblast Pedagogical Inst. Moscow, 1956. (Dissertation for the Degree of Biological Sciences.)

Knizhnaya Letopis'
No. 18, 1956. Moscow

MAGOMEDOV, G.G.

Experimental cultivation of button clover. Biul.Glav.bot.sada no.20:
47-50 '55. (MLRA 8:9)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR.
(Button clover)

MAGOMEDOV, D.M.

Building high-quality roads in Daghestan. Avt. dor. 23 no.4:13
Ap '60. (MIRA 13:6)

1. Nachal'nik upravleniya avtomobil'nogo transporta i shosseynykh dorog pri Sovete ministrov Dagestanskoy ASSR.
(Daghestan--Road construction)

MAGOMEDOV, B. M., Cand. Medic. Sci. (diss) "Influence of Splenectomy on Formation of Calluses for Fractures of Tubular Bones. (Experimental Investigation)," Volgograd, 1961, 18 pp. (Volgograd Med. Inst.) 260 copies (KL Supp 12-61, 286).

MAGOMEDOV, A.Z.

Methods improving the outcome of primary amputations of the limbs. Sov. med. 27 no.10.84-90 0 '63. (MIRA 5:11)

1. Iz kafedry gosptal'noy khirurgii (zav.-zasluzhennyy deyatel' nauki Dagestanskoy SSSR prof. M.I. Bagorov) Dagestanskogo meditsinskogo instituta.

MAGOMEDOV, A.Z.

Methods improving the outcome of primary amputations of the
limbs. Sov. med. Z/ no.10, 83-90 (1963). (MIRA 1/16)

1. iz kafedry gosпитальной khirurgii (zav.-sanluzhenyy deyatel'
nauki Dagestanskoy ASSR prof. B.I. Nagornyy) Dagestanskogo
meditsinskogo instituta.

ALIYEV, A.G.; MAGOMEDOV, A.M.

Lithology and facies characteristics of carbonate Jurassic and
Valangin sediments in Daghestan and northern Azerbaijan. Izv.AN
Azerb.SSR. Ser.geol.-geog. nauk i nefti no.4:37-43 '63.
(MIRA 17:4)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400040-6

MAQUEDDY, A.D.

DECEASED
c 1960

1961/I

SEE IIC

ENGINEERING

MAGOMEDOV, A. A., Cand Vet Sci -- (disc) "'Edematous disease' of young pigs." Len, 1958. 19 pp (Len Vet Inst, Min of Agriculture USSR), 120 copies (KL, 17-58, 111)

USSR/Diseases of Farm Animals - Diseases of Undetermined
Etiology

R

Abs Jour : Ref Zhur Biol., No 5, 1959, 21443

Later, after the symptoms of the disease have seemingly disappeared, nervous symptoms develop, such as impairment of the motor coordination and paralysis of the extremities. The second, paralytic stage of the disease which does not last longer than 4-10 hours, is characterized by a paralysis of the extremities, progressively decreasing temperature of the body and a widening of the pupils. The pulse is weak and of a high frequency, the breathing is labored. Reflexes become gradually extinguished and the animal dies. Autopsies reveal jelly-like edemas in various organs and tissues, a hyperemia of the lymphatic nodes and of the mucous and serous membranes of the gastrointestinal tract. Histologically, nonpurulent encephalitis is found quite often. Various preparations were used for treating the sick piglets (sera against Aujeszky's disease, swine plague and erysipelas,

Card 3/4

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USSR/Diseases of Farm Animals - Diseases of Undetermined
Etiology

R

Abs Jour : Ref Zhur Biol., No 5, 1959, 21443

10-40 percent of piglets 1¹/₂-4 months old and it entails a very high death rate (85-95 percent, sometimes even 100 percent). Clinically, the disease progresses in 2 stages: an initial and a paralytic stage. During the initial stage, loss of appetite and a state of depression are noted. The body's temperature is normal. The animals stumble when they walk, the buttocks are observed to shake in various degrees, and also a tendency to move in circles is present. The eyelids are swollen, the breathing is characterized by an abdominal type sniffing. The skin's sensitivity is increased. Subsequently, breathing becomes more difficult, motor coordination is greatly impaired, and a paralysis of the thoracic and pelvic extremities takes place. In some cases the first disease symptoms consist in slight diarrhea and vomiting. The body's temperature rises by 0.5-7° C.

Card 2/4

USSR/Diseases of Farm Animals - Diseases of Undetermined
Etiology

R

Abs Jour : Ref Zhur Biol., No 5, 1959, 21443

Author : Magomedov, A.A.

Inst : Leningrad Institute for the Advanced Training of
Veterinarians

Title : A Disease of Piglets with Symptoms of Functional Distur-
bance of the Nervous System (Edematous Disease)

Orig Pub : Sb. nauch. tr. Leningr. in-t usoversh. vet. vrachey,
1957, vyp. 11, 133-141

Abstract : In recent years a disease of piglets with symptoms of
disturbances of the nervous system was recorded in a
number of oblasts in the northwest area of the USSR.
The disease is observed to occur mostly during the se-
cond half of the summer and in the fall, it affects

Card 1/4

MAGOMEDBEKOV, U. A.

U.S.S.R./Diseases of Farm Animals. Diseases Caused by Helminths

R

Rus Jour : Ref Zhur - Biol., No 19, 1958, No 88280

Author : Magomedbekov U. A.
Inst : Dagestan Scientific Research Institute of Agriculture
Title : Testing Pasture as Treatment of Cystocaulosis in Sheep

Orig Pub : Byul. nauchno-tekhn. inform. Dagestansk. n.-i. inst. s. kh.,
1957, No 1, 64-65

Abstract : Sheep which were infected by Cystocaulus (15 heads, 5 of them controls) were twice at an interval of 2-3 days intramuscularly injected with a 1 percent water solution of cephalexin in a 2 ml/kg dose. Intensive effectiveness of the preparation equaled 98.5 percent, and extensive effectiveness equaled 85.7 percent.

Card : 1/1

USSR/Diseases of Farm Animals - Diseases Caused by Helminths. R.

Abs Jour : Ref Zhur - Biol., No 6, 1958, 26326

Author : Magomedbekov, U.A.

Inst : 1571 Dagestan Institute of Animals Husbandry, Academy of Sciences, USSR.

Title : Diagnosis of Trichocephalosis in Sheep.

Orig Pub : Tr. In-ta zhivotnovodstva, Dagest. fil. AN SSSR, 1956, 4, 205-209

Abstract : Description of intra-vitam (clinical and coprological) and post-mortem diagnosis of trichocephalosis in sheep, which is caused by Trichocephalus ovis and T. skrjabini, as well as differential diagnosis of these helminth species according to their egg structure and the morphological characteristics of adult parasites. Drawings of eggs and the vagina of the whipworm [Trichuris trichiura]

Card 1/2

NOVOPLYANSKAYA, R.; BRIK, A.O., metodist; AYUPOVA, K.V., prepodavatel';
SOKOLOV, B.M., uchitel' geografii; SYCHEV, V.G., uchitel'
geografii; MAGOMED, M., khalimanov, uchitel' geografii;
AZIMOV, D.B.

Editor's mail. Geog. v shkole 26 no.6:51-54 N-D. '63.
(MIRA 17:1)

1. Melitopol'skiy pedagogicheskiy institut (for Novoplyanskaya).
2. Lipetskiy institut usovershenstvovaniya uchiteley (for Brik).
3. Pedagogicheskoye uchilishche g. Kansk, Krasnoyarskiy kray (for Ayupova).
4. 29-ya srednyaya shkola Novosibirskaya (for Sokolov).
5. Lyublinskaya shkola-internat No.2 Khar'kovskoy oblasti (for Sychev).
6. Kudalinskaya shkola Gunibskogo rayona Dagestanskoy ASSR (for Khalimanov).
7. Mikroetskaya odinnadtsatiletnyaya shkola Akhtynskogo rayona Dagestanskoy ASSR (for Azimov).

MAGOMAYEVA, G.I.; KORYTOV, S.Ya.

Formal equilibrium of the three-component system consisting of
formate-formic acid-water. *Gidroliz. i isomizats. prom.* 20 no.
5:13-14 '64. (RUS 12:10)

1. *Vysokomuy zashchuy izobrazheniy Institut (for Leningrad).*
2. *Leopoldskaya izobrazheniy izobrazheniy Institut (for Krasnoy).*

MAGOMAYEV, A. A. Cand Tech Sci -- (diss) "Study of the blubbers of Caspian seals." Makhachkala, 1959. 16 pp (Min of Higher Education USSR. Mosrybvtuz [Mos Tech Inst of Fish Industry and Fisheries] im A. I. Mikoyan. Chair of Technology of Fish Products), 150 copies (KL, 44-59, 127)

MAGOLIC, Milos

Historical survey of the development of the iron industry in the Gorenjsko region. Litar vest 11 no.6:161-169 '64.

1. Technical Museum of the Jesenice Ironworks, Jesenice.

TELEK, Eva; JUHASZ, Jozsef, dr.; MAGO, Kalman; KOVACSHAZY, Frigyes

Debate about the training of engineers. Husz elet 19 no. 212
23 Ap '64.

1. Chairman, Educational Committee, Hungarian Hydrologic Society (for Juhasz).
2. Temporary Secretary General, Scientific Association of Telecommunication Engineering (for Mago).
3. Chairman, Educational Committee, Section of Construction, Scientific Association of Transportation (for Kovacsahazy).

MAGO, Kalman; REDL, Endre; PAPP, Gyula; MAJOR, Janos; KOMPORDAY, Aurel

Television picture tubes; also remarks by E.Redl and others.

Muszaki kozl MTA 26 no.1/4:109-122 '60. (EEAI 9:10)

1. Tavkozlesi Kutato Intezet (for Mago)
(Hungary--Television)

MAGO, K.

MAGO, K. - Cathode-ray tubes; a lecture. p. 117
Planned tasks of the postal service for innovations in
telecommunication during the 3d quarter of the year. p.(3)
of cover. Vol. 7, no. 4, Aug. 1956
Magyar Híradastechnika - Budapest, Hungary

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

MACC, K.

MACC, Y. Problems with television picture transmitter and scanning tubes; also, remarks by H. Fried. p. 131.

Vol. 16, No. 1, 1955.

KOZLEMENYEI

TECHNOLOGY

Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

MACO, Istvan

Experiences with oil-industry sewage purification in Hungary and some new relevant methods. Hidrologiai Kozlony 42 no.1:19-29 F '62.

1. Epitesugyi Ministerium Melyepitesi Tervezo Vallalat, Budapest.

MAGO,

1. H
 COUNTRY : HUNGARY
 CATEGORY : Chemical Technology. Chemical Products and
 Their Applications. Water Treatment. Sewage.
 ABS. JOUR. : REKHAZ., No. 93 1959, No. 82717
 AUTHOR : Mago, I.
 INST. :
 TITLE : Purification of Effluent Water from Soda-Line
 Water Treatment Installations
 ORIG. PUB. : Épületépészeti, 1958, 7, No 5-6, 234-238
 ABSTRACT : Presented are data for design and construction
 of settlers.

CARD:

1/1

H - 26

VOLKOPYALOV, Boris Petrovich, prof.; MAGON, E.E., red.; FRIDMAN,
Z.L., tekhn. red.; BARANOVA, L.G., tekhn. red.

[Swine raising] Svinovodstvo. 3., perer. izd. Moskva,
Sel'khozizdat, 1963. 380 p. (MIRA 16:11)
(Swine)

SOLNTSEV, Konstantin Mikhaylovich; SAPUNOV, Vasilii Andreyevich;
SALTYKOV, Fedor Ivanovich; NIKOLAYEVA, Yuliya Nikolayevna;
MAGON, E.E., red.; BARANOVA, L.G., tekhn. red.

[Growth stimulators for farm animals] Stimulatory rosta
sel'skokhoziaistvennykh zhivotnykh. [By] K.M.Solntsev i dr.
Moskva, Sel'khozizdat, 1963. 290 p. (MIKA 16:12)
(Feeding) (Growth promoting substances)

DMITROCHENKO, Aleksandr Petrovich, prof.; MAGON, E.E., red.;
BARANOVA, L.G., tekhn. red.

[Manual of practical exercises in the feeding of farm
animals] Rukovodstvo k prakticheskim zaniatiyam po korm-
leniiu sel'skokhoziaistvennykh zhivotnykh. Moskva, Sel'-
khozizdat, 1963. 286 p. (MIRA 16:12)
(Feeding)

- GLINSKIY, Boris Aleksandrovich; GRIVAZNOV, Boris Semenovich;
DYNIN, Boris Semenovich; NIKITIN, Yevgeniy Petrovich;
MAGNUS-SCHINSKIY, V.S., red.

[Modeling as a scientific research technique; a gnoseo-
logical analysis] Modelirovanie kak metod nauchnogo issle-
dovaniya, gnoseologicheskij analiz. Moskva, Izd-vo Mosk.
univ., 1965. 246 p. (MIRA 18:8)

MAGNUS-SOMINSKIY, V. S.

KURYLEV, Anatoliy Konstantinovich; YEFIMOV, O.S., red.; MAGNUS-
SOMINSKIY, V.S., red.; KOZLOVA, T.A., tekhn. red.

[Overcoming the essential differences between intellectual and physical work is the problem of the building of communism] Preodolenie sushchestvennykh razlichii mezhdu umstvennym i fizicheskim trudom - problema stroitel'stva komunizma. Moskva, Izd-vo Mosk. univ., 1963. 399 p.

(MIRA 16:6)

(Labor and laboring classes) (Work)

ZONN, S.V., prof.; KOVALEV, R.V., prof. ; RUBILIN, Ye.V.; BENEVOLO'SKIY, S.A.,
dotsent; KAZINTSEV, A.G., dotsent; NEMERYUK, G. Ye.; dotsent;
BLAGORAZUMOV, V.; MAGNUSOV, D.C.

In memory of Professor Efim Fedorovich Pavlov. Pochvovedenie
no. 7:120-121 J1 '65 (MIRA 19:1)

Magnusov, D.
MAGNUSOV, D., agronom.

Conference on D.I. Mendeleev Collective Farm. Nauka i pered. op. v
sel'khoz. 7 no.12:57 D '57. (MIRA 11:1)
(Mendeleev, Dmitrii Ivanovich, 1834-1907)

ZABIELSKI, Bolesław; HACHUCKI, Konrad; LAZIŃSKI, Bohdan; ZOLCIAK, Edward

Forest stands of Babia Gora National Park and their natural conditions. Prace naukowe i liter 17 no.2:351-354 '64.

Prospective premises for a conversion of the forest stands of Babia Gora National Park. Ibid.:355-359

1. Department of Forest Planning, Higher School of Agriculture, Poznań.

ZABIELSKI, Boleslaw; MAGNUSKI, Konrad; WAZYNSKI, Bohdan; ZOLCIAK, Edward

Development analysis of oak regeneration in a pine stand by using the gap cutting method. Roczniki wyz szkola rol Poznani 14 233-247 '63.

1. Department of Forest Planning, College of Agriculture, Poznan.

MAGNUSKI, Konrad

Comparison of the diameter forwth and its variation in
the fir, spruce, and mixed fir and spruce tree stands.
Roczniki wuz szkola rol Poznan 14 75-90 '63.

1. Department of Forest Planning, College of Agriculture, Poznan.

380.30.55
AKS000830

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Armored Material Between Two Wars (1919-1939) -- 61

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PART II. Photographs and Descriptions of Combat Vehicles

Definitions of Terms, Abbreviations, and Symbols Used in

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28140-65
AM5009836

1. Launchers are given. The Soviet Union, Czechoslovakia, Hungary, and Poland are presented on 89 pages; the other 11 countries on 344 pages. The discussion of the Soviet Bloc is mainly retrospective. East Germany is omitted. No personalities are mentioned. There are no references.

TABLE OF CONTENTS [Information on countries other than the Soviet Bloc is omitted.]

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 BOOK EXPLOITATION JD 79 P1
 B+1

Handbook, Tanks

Tanks, 1914-1964 (Wasy belows, 1914-1954) 2d ed., rev. and enl.
 [VANDER] VANDER MOH, 1964 0-471 p. illus., biblio., index.
 3,000 copies printed.

TOPIC TACS: amphibious armored car, amphibious armored carrier,
 amphibious tank, antiaircraft self-propelled gun, armored car,
 armored carrier, armored force, brigadier tank, combat car,
 flamethrower, gun carrier, infantry carrier, self-propelled
 gun, self-propelled rocket launcher, tank, tankdoler, tankette

PURPOSE AND COVERAGE: This handbook is intended for military per-
 sonnel. It contains technical descriptions, specifications, and
 illustrations of tanks and other automotive combat and auxiliary
 vehicles and equipment, mainly tanks, used by the United States,
 the U.S.S.R., Czechoslovakia, Hungary, Poland, Austria, France,
 Holland, Canada, Germany, Switzerland, Sweden, Britain, Italy,
 Australia, and Japan. Armored forces of some countries are dis-
 cussed. A few pictures of Soviet caterpillar-mounted rocket

End 1/4

MAGNUSHEVSKIY, R.

Method of fastening radio tube bases. Radio no.9: Supplement:32
S '57. (MIRA 10:10)
(Radio--Equipment and supplies)

Magnushevskiy, R

107-8-59/62

AUTHOR: Magnushevskiy, R., Ivanov, A., Moskva

TITLE: Experience Exchange. Driving Screws (Obmen opytom. Zavinchivaniye vintov)

PERIODICAL: Radio, 1957, Nr 8, p.64 (USSR)

ABSTRACT: It is often difficult to reach and hold screws for driving purposes in a radio receiver. A piece of vinyl chloride tube, the inner diameter of which equals the diameter of the screw head, can help. One end of the tube is carefully heated and slipped on the screwdriver in such manner that the second end of the tube will overlap somewhat. Then the screw is inserted in the free end of the tube with its groove coinciding with the screwdriver's edge.

The following method of holding screws during the driving operation is also proposed: The groove of the screw and the edge of the screwdriver are pasted with asphalt or resin used for potting batteries. Then the screw is set on the edge of the screwdriver and the driving can begin.

Card 1/1

AVAILABLE: Library of Congress

MAGNUSHEVSKIY, R.

Preparing solder sticks. Radio no.7:Supp.32 J1 '57. (MLRA 10:8)
(Radio--Repairing) (Solder and soldering)

107-57-1-46/60

AUTHOR: Magnushevskiy, R.

TITLE: Experience Exchange (Obmen opytom)

PERIODICAL: Radio, 1957, Nr 1, p 45 (USSR)

ABSTRACT: A special metal bracket is recommended for mounting electrolytic capacitors. Checking the sliding contact in a variable resistor by connecting the resistor in series with a radio-receiver antenna circuit is suggested. A simple device is suggested to prevent breaking thin (0.05-0.07 mm) wire during winding, etc. There is 1 figure in the article.

AVAILABLE: Library of Congress

Card 1/1

MAGNUSHEVSKIY, L. K. (Vet.); GONCHAROV, A. F.; GOLOSOV, I. M.; IVANOV, P. S.

"Treatment of necrobacillosis of reindeers."

SO: Veterinariya 27 (12), 1950, p. 25

Sci.-Res. Inst. of Polar Agric., Animal Husbandry and Professional Farming

MAGNUSHEVSKIY, K.: YARTSEV, N., red.; POKHLEBKINA, M., tekhn.red.

[Durable building materials] Prochnye stroitel'nye materialy..
Moskva, Mosk.rabochii, 1961. 82 p. (MIRA 15:2)
(Building materials)

MAGNUSHEVSKIY, K.

Back of the "satisfactory" average figures. Okhr.truda i sots.strakh.
no.8:60-62 Ag '59. (MIRA 12:10)
(Moscow Province--Hospitals--Construction)

MAGNUSHEVSKIY, K.

MAGNUSHEVSKIY, K.

Largest in the world. Stroi.mat. 3 no.10:34-37 0 '57. (MIRA 10:10)
(Lyubertsy--Brickmaking)

~~MAGNUSHEVSKIY, K.~~

Btrovo new settlers. Stroi.mat. 3 no.1:32-33 Ja '57.

(MLRA 10:3)

(Butevo Apartment houses)

VASYUN'KIN, M.; MAGNUSHEVSKIY, K.

Industrial cooperation of two enterprises. Sov.profsoiuzy 4 no.8:
60-62 Ag '56. (Moscow--Concrete) (MIRA 9:10)

MAGNUSHEVSKIY, K.

House construction line. Tekh. mol. 23 no.2:30-31 F '55. (MIRA 8:4)
(Building)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400040-6

MAGNUSHEVSKIY, K.

Birth of glass. Tekh.mol. 22 no.6:28-32 Je '54. (MLRA 7:6)
(Glass manufacture)

YELISEYEVA, Mariya Fedorovna; MAGNUSHEVSKIY, K.; ROZOVA, L.

[High production of raw bricks by press SP-2] Vysokie s"emy kirpicha-
syrtsa s pressa SP-2. [Literaturnaya zapis' K. Magnushevskogo i L. Rozovoi]
Moskva, Gos.izd-vo lit-ry po stroit.materialam, 1952. 46 p. (MLBA 6:7)
(Pressed brick)

MAGNUSEK, Zdenek

A new mining machinery factory. Uhli 5 no.7:254-255 J1 '63.

1. Ostroj 04, Frydlant nad Ostravici.

FROLOVA, Ol'ga Frolovna; MAGNUS-SOMINSKIY, V.S., red.

[The mental and the physiological] Psikhicheskoe i fiziologicheskoe. Moskva, Izd-vo MGU, 1967. 46 p.
(MIRA 17:12)

MOLODTSOV, V.S., red.; IL'IN, A.Ya., red.; MAGNUS-SOMINSKIY, V.S.,
red.

[Methodological problems in contemporary science] Metodologicheskie problemy sovremennoi nauki; sbornik statei. Moskva, Izd-vo Mosk. univ., 1964. 243 p. (MIRA 17:7)

L 22726-66 ENT(d)/EEC(k)-2
ACC NR: AP6002927

SOURCE CODE: JR/0286/65/000/024/0088/0088

AUTHORS: Karminskiy, V. D.; Magnitskiy, Yu. A.; Popov, A. D.

ORG: none

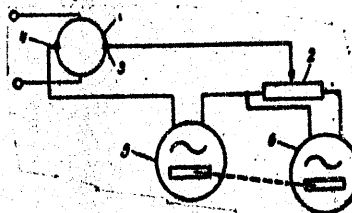
TITLE: Device for measuring indicated power. ^{AM} Class 42, No. 177121

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 88

TOPIC TAGS: power meter, wattmeter, piston engine

ABSTRACT: This Author Certificate presents a device for measuring indicated power in the cylinder of piston engines. The device contains a pressure transducer, an amplifier, a double-coil wattmeter, and a control resistance. To obtain the arithmetic mean value of the indicated power of a piston engine, two synchronous generators are connected in one of the coils of the wattmeter (see Fig. 1).

Fig. 1. 1 - wattmeter; 2 - control resistance; 3 and 4 - coil terminals of wattmeter; 5 and 6 - synchronous generators.



The shafts of the generators are rigidly coupled together and to the engine shaft.
Orig. art. has: 1 diagram.

SUB CODE: 21/ SUBM DATE: 27May63
Card 1/1

UDC: 531.781.092

MAGNITSKIY, Yu.A., kand. tekhn. nauk; KARMINSKIY, V.D., inzh.

Errors in the dimensions of Van der Waals' constant given in reference
tables. Teploenergetika 11 no.8:96 Ag '64. (MIRA 18:7)

MAGNITSKIY, Yu. A., kand. tekhn. nauk, dotsent

Plotting on a p. v. diagram the energy change in ideal gas processes. Izv. vys. ucheb. zav.; energ. 7 no.5:121-122 My '64. (MIRA 17:7)

1. Rostovskiy institut inzhenerov zheleznodorozhnogo transporta. Predstavlena kafedroy teoreticheskikh osnov teplotekhniki.

MAGNITSKIY, Yu.A., kand. tekhn. nauk; BALIOZ, A.B., inzh.

Possibility for recording the processes taking place in an internal
combustion engine on color films. Trudy RIIZHT no.34:67-70 '61.
(MIRA 17:1)

MAGNITSKIY, Yu.A.; KARMINSKIY, V.D.

Method for immediate measurement of mean indicated pressure in
the cylinder of a piston engine. Avt.prom. 29 no.10:6-8 0
'63. (MIRA 16:10)

1. Rostovskiy-na-Donu institut inzhenerov zheleznodorozhnogo
transporta.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400040-6

MAGNITSKIY, Yu.A.

Using light filters in oscillographs. Izv.tekh. no.12:63 D '61.
(MIRA 19:1)

(Light filters) (Oscillograph)

MAGNITSKIY, Yu.A.; KURKOV, M.F.

Projection method of analyzing indicator diagrams of the internal combustion engine. Avt.prom. no.9:28-30 S '61. (MIRA 14:9)

1. Rostovskiy-na-Donu institut inzhenerov zheleznodorozhnogo transporta.

(Indicators for gas and oil engines)
(Diesel engines--Testing)

MAGNITSKIY, Yu.A., inzh.

Effect of temperature drop between component parts of a boiler
drum on the stresses in it. Teploenergetika 7 no.3:48-51
Mr '60. (MIRA 13:5)

1. Rostovskiy institut inzhenerov zheleznodorozhnogo transporta.
(Strains and stresses) (Boilers)

MAIKIN, S.A.; MAGNITSKIY, Yu.A.

Method of investigating the distribution of velocities and pressures
in a layer of grainy materials. Inzh.-fiz.zhur. no.5:96-99 My '60.
(MIRA 13:8)

1. Institut inzhenerov zheleznodorozhnogo transporta. Rostov-na-Donu.
(Granular materials)

MAGNITSKIY, Yu.A., inzh.

State of stress of the side walls of the locomotive firebox.
Vest.TSNII MPS 18 no.6:28-31 S '59. (MIRA 13:2)
(Locomotives--Fireboxes)

06196

SOV/115-59-11-24/36

24 (3)

AUTHOR: Magnitskiy, Yu.A.

TITLE: An Optical Method of Measuring the Deformation of Plane Walls

PERIODICAL: Izmeritel'naya tekhnika, 1959, Nr 11, pp 53-54

ABSTRACT: The author describes an optical noncontact method of measuring the deformation of thin walls by means of a theodolite. This method is used at the Rostovskiy institut inzhenerov zheleznodorozhnogo transporta (Rostov Institute of RR Transport Engineers) for measuring the temperature deformation of the plane stoker sidewalls of series L locomotives. After describing briefly the measuring arrangement (shown in a diagram) the author determines, the different errors possible with this method and their rating. There are 1 diagram and 1 table.

Card 1/1

MAGNITSKIY, Yu. A., Candidate Tech Sci (diss) -- "Temperature conditions and temperature deformations of a railroad firebox". Leningrad, 1959. 19 pp
(Min Transportation USSR, Leningrad Order of Lenin Inst of Railroad Transport Engineers im V. N. Obrastsov), 150 copies (KL, No 24, 1959, 138)

MAGNITSKIY, Yu.A., inzh.

Investigating temperature systems and deformations in locomotive
fireboxes during servicing, forced operation, and cooling. Trudy
RIIZHT no.24:137-181 '58. (MIRA 11:9)

(Locomotives--Fireboxes)

MAGNITSKIY, V.P., inzh.

High-tensile wire bundles with HII-200 anchor bolts. Transp. stroi.
10 no.9:15-17 S '60. (MIRA 13:9)
(Girders)

L 22397-66

ACC NR: AT6011139

European USSR and Japan indicated that, even with limited data, typical wave-lengths could be identified. Other processes discussed were the process of magma melt development in the upper mantle which, over a period of 10^7 – 10^8 yr, was calculated as capable of producing mean rates of vertical movements of 0.01–0.001 cm/yr, and the process of transition from eclogites to basalts and vice versa (10^6 -yr process), capable of producing mean values for rate of movement of 0.1–1 cm/yr, making vertical movements in the 400–1000-m range possible. [ER]

Orig. art. has: 1 figure, 1 formula, and 1 table.

SUB CODE: 08/ SUBM DATE: none/ ORIG REF: 008/ OTH REF: 003

Card 2/2dda

L 22397-66 EWT(1) GW
ACC NR: AT6011139

SOURCE CODE: UR/3197/65/000/002/0047/0054
B+1

AUTHOR: Magnitskiy, V. A.

ORG: Institute of the Physics of the Earth (Institut fiziki Zemli)

TITLE: Physical nature of some types of vertical movements of the earth's crust

SOURCE: AN EstSSR. Institut fiziki i astronomii. Sovremennyye dvizheniya zemnoy kory. Recent crustal movements, no. 2, 1965, 47-54

TOPIC TAGS: geophysical conference, epeirogenic movement, crustal movement, crustal geophysics

ABSTRACT: Various characteristics noted in the rates, and changes in the rates, of vertical movements of the earth's crust are analyzed and evaluated. Theories advanced by the earth scientists of several nations are reviewed (relaxation theory, change in movement upward or downward with change in temperature and pressure during periods of sedimentation or erosion, and determination of the spectra of wave lengths of recent movements determined by repeated leveling). For the latter, harmonic analyses made by Soviet scientists of repeated leveling in the

Card 1/2

MAGNITSKIY, Vladimir Aleksandrovich; KUZ'MINA, N.N., ved. red.
[Internal structure and physics of the earth] Vnutrennee
stroenie i fizika Zemli. Moskva, Nedra, 1965. 378 p.
(MIHA 18:7)

MAGNITSKIY, V.A.

Zonal melting as a mechanism for the generation of the earth's
crust. Izv. AN SSSR. Ser. geol. 29 no.11:3-8 N '64. (MIRA 17:12)

1. Institut fiziki Zemli AN SSSR, Moskva.

KROPOTKIN, P.N., otv. red.; BORISOV, A.A., red.; LYUSTIKH, Ye.M.,
red.; MAGNITSKIY, V.A., red.

[Isostasy] Izostaziia. Moskva, Izd-vo "Nauka," 1964. 36 p.
(Its: Doklady sovetskikh geologov, problema 12)

(MIRA 17:7)

1. International Geological Congress, 22d, 1964.

MAGNITKI, V.A. [Magnitskiy, V.A.]; KALASNIKOVA, I.V. [Kalashnikova, I.V.]
General direction of development of the earth crust. Analele geol
geogr 17 no.2:14-18 Ap-Je '63.

LYUBIMOVA, Ye.A.; KAGNITSKIY, V.A.

Thermoelastic strains and the energy of earthquakes. *Bull. Sov. Acad. Sci.* no. 12-6-10 '63. (MIRA 17:4)

IZOTOV, A.A.; BULANZHE, Yu.D.; MAGNITSKIY, V.A.; MESHCHERYAKOV, Yu.A.;
BLAGOVOLIN, N.S.

Establishment of the Crimean geophysical polygon for the study
of crustal subsurface geology and recent tectonic movements.
Geofiz.biul. no.12:82-84 '62.

(MIRA 16:5)

(Crimea--Geophysical research)

MAGNITSKIY, V.A.; KALASHNIKOVA, I.V.

General trend of the development of the earth's crust. Izv.
AN SSSR.Ser.geofiz. no.8:993-996 Ag '62. (MIRA 15:8)

1. Institut fiziki Zemli AN SSSR.
(Earth--Surface)

S/169/63/000/003/034/042
D263/D307

Problems of high pressure ...

minerals, e.g. olivine, enstatite, diopside, augite etc. under conditions corresponding to those in the depths of the Earth. Study of the chemical reactions and phase transitions at high pressures and temperatures is also of considerable interest. One of the main problems is a physical characteristic of the substance of the Earth's core.

[Abstracter's note: Complete translation]

Card 3/3

S/169/63/000/003/034/042
D263/D307

Problems of high pressures ...

of the crust the pressure is 10^4 kg/cm², in the intermediate layer C it is $1.5 - 2 \times 10^5$ kg/cm², on the outer boundary of the core - 1.5×10^6 kg/cm² and at the center of the Earth - of the order of 3.5×10^6 kg/cm². Temperatures of the deep layers of the Earth can only be determined theoretically, on the basis of these or other assumptions. The calculations are also considerably complicated by the fact that little information is as yet available concerning the distribution of radioactive substances within the globe. At a depth of 100 km the temperature apparently reaches 1500°C and at the outer boundary of the core it is $4000-5000^\circ\text{C}$. Composition of the Earth and the nature of boundaries between various layers is at present only hypothetical, particularly below the B layer. Several authors propose that in the zone between B and D layers the chemical composition undergoes a change, and polymorphic transitions of minerals takes place. The problems can be solved by experiments in the field of high pressure physics. At the present time pressures of 150×10^3 atm have already been achieved, at temperatures of the order of 2000°C . One of the main directions of future studies should be an investigation of the properties of the more important rock-forming

Card 2/3

S/169/63/000/003/034/042
D263/D307

AUTHORS: Davydov, B.I. and Magnitskiy, V.A.
TITLE: Problems of high pressures in the physics of the Earth's deeper layers
PERIODICAL: Referativnyy zhurnal, Geofizika, no. 3, 1963, 7, abstract 3G32 (In collection: Eksperim. issled. v obl. glubinnykh protsessov, M., AN SSSR, 1962, 16-21)

TEXT: The main problem in the experimental study of the internal structure and composition of the Earth is the performance of investigations at high pressures. A graph is given which shows the propagation velocities of longitudinal seismic waves V_p in deeper parts of the Earth, in the B, C, D, E and F layers; the graph is constructed chiefly from seismological data. A graph of the density distribution within the Earth was constructed by Bullen from gravimetric data. M.S. Moledenskiy determined the actual densities. Pressure within the Earth depends little on the accepted rule of densities. According to the results of Gutenberg, at the bottom

Card 1/3

MAGNITSKIY, V.A., prof.

Upper mantle project. Priroda 50 no.6:46-47 Je '61. (MIRA 14:5)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
(Earth--Internal structure)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400040-6

MAGNITSKIY, V.A., prof.

Upper mantle and its influence on the development of the earth's
crust. Vest. AN SSSR 31 no.11:18-24 N '61. (MIRA 14:11)
(Earth--Internal structure)

ZVEREV, M.S.; SHARONOV, V.V., prof.; MAGNITSKIY, V.A., prof.; SHRUTKA, Guntram [Schrutka, Guntram], prof.; YURI, Carol'd [Urey, Harold C.], laureat Nobelevskoy premii (SShA); KOPAL, Zdenek, prof.; KOZEL, Karol, prof.; ROSH, Zhan [Rösch, J.]

Twenty-two answers to three questions. Nauka i zhizn' 28 no.3:23,25, 29, 30-32 Mr '61. (MIRA 14:3)

1. Chlen-korresspondent AN SSSR (for Zverev).
2. Direktor astronomicheskoy observatorii Leningradskogo universiteta (for Sharonov).
3. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova (for Mangitskiy).
4. Venskiy universitet (Avstriya) (for Shrutka).
5. Manchesterskiy universitet (Angliya) (for Kopal).
6. Krakovskiy universitet (Pol'sha) (for Kozel).
7. Observatoriya Pik-dyu-Midi (Frantsiya) (for Rosh).

(Moon)

S/026/61/000/006/003/003
D045/D114

The project of the upper mantle

surface caused by internal phenomena. Magnitometric, gravimetric and deep drilling methods are mentioned as well as a method where repeated measurements are taken allowing slow movements and deformations in the crust to be studied. In laboratories, it is already possible to obtain pressures and temperatures corresponding to conditions in the upper mantle and theoretical physics has made a big step forward in the study of the structure of matter and the course of various processes occurring under these conditions. Drilling through the earth's crust into the mantle is considered the most important practical research task. In conclusion, the author stresses the tremendous value of coordinated efforts in the study of the upper mantle to cope soon with the progress made in space research. There are 2 Soviet-bloc references.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova
(Moscow State University im. M.V.Lomonosov)

Card 2/2

S/026/61/000/006/003/003
D045/B114

AUTHOR: Magnitskiy, V.A., Professor

TITLE: The project of the upper mantle

PERIODICAL: Priroda, no. 6, 1961, 46-47

TEXT: This article deals with research conducted on the structure of the upper layers of the earth's mantle. In the summer of 1960, a Soviet-proposed plan for the organization of comprehensive geophysical and geological research on the earth's upper mantle and its interrelation with the earth's crust was accepted at the assembly of the International Union of Geodesy and Geophysics. For the coordination of research, an international committee was elected, headed by V.V. Belousov, Corresponding Member of the AS USSR and President of the above mentioned Union. The two upper layers of the mantle, which extend to a depth of 700-900 km, were investigated because this part is closely connected with the earth's crust and with the processes occurring there. Among the methods of research the author stresses the specially effective Soviet-developed [C] (GSZ) deep seismic sounding method. Very valuable results are obtained by measuring inclinations of the earth's

Card 1/2

The earth's mantle ...

S/169/62/000/005/002/093
D228/D307

of peridotite), or of andesite (should the mantle be composed of eclogite), which is differentiated into granite and basalt. If the mantle's upper layer mainly consists of peridotite, a basaltic crust is formed on its differentiation; however, when the differentiation process covers great depths, the most acid light material, which gives lavas of andesitic or even basaltic composition on combining with the basaltic melt of the upper parts, rises from great depths. Out of the existing hypotheses of the crust's origin and development the author considers that the hypothesis of the original secretion of a continental crust over the whole of the earth's surface, followed by its more accurate definition on ocean territory, and the hypothesis of the gradual growth of the continental crust at the expense of the mantle's progressive differentiation and the additional reprocessing of the oceanic crust into a continental crust to be worthy of the most attention. 50 references. [Abstracter's note: Complete translation.]

Card 2/2

S/169/62/000/005/002/093
D228/D307

AUTHOR: Magnitskiy, V. A.

TITLE: The earth's mantle and crust

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 5, 1962, 6, abstract 5A26 (Sov. geologiya, no. 5, 1961, 3-15)

TEXT: Data are cited about the structure and physical properties of the earth's mantle, an interpretation of the main peculiarities of its structure is given, and some questions of the crust's genesis and development are briefly considered. The available geophysical data give grounds for supposing that the mantle is composed of eclogite. It is possible, however, that the mantle's upper layer, starting from depths of about 100 km, consists of peridotite. The author emphasizes that this is only one of the possible hypotheses which may be used to explain the crust's origin and development. The materials constituting the crust may be formed through the melting of mantle matter, either of basalt, giving granite during subsequent development (if the mantle consists

Card 1/2

Three questions - twenty-four answers S/025/61/000/003/009/012
A166/A127

the action of water and the atmosphere.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet imeni M. V.
Lomonosova (Moscow State University imeni M. V. Lo-
monosov)

S/025/61/000/003/009/012
A166/A127

AUTHOR: Magnitskiy V. A., Professor (see Association)

TITLE: Three questions - twenty-four answers

PERIODICAL: Nauka i zhizn', no. 3, 1961, 29

TEXT: The photographs of the reverse side of the Moon show an even greater contrast between the lunar and terrestrial surfaces than do those of the visible side. Clearly, the Moon has developed very differently from the Earth. Studies in a not too distant future, first by automatic stations, then by man himself, might help to solve many problems, e.g. whether there are lunar tremors resembling our earthquakes, of what nature the Moon's magnetism might be and what kind of rocks are predominant on the Moon. Studies on the lunar core should also shed light on the early stages of development of the Earth, since the Moon represents a physical state where the relief has not been eroded by

Card 1/2

BROVAR, Vsevolod Vladimirovich; MAGNITSKIY, Vladimir Aleksandrovich;
SHIMBIREV, Boris Pavlovich; YURKINA, M.I., retsenzent;
MAKAROV, N.P., retsenzent; VIROVTS, A.M., retsenzent;
VASIL'YEVA, V.I., red. izd-va; SINGUROV, V.S., tekhn. red.

[Theory of the earth's figure] Teoriia figury Zemli. Pod
obshchei red. V.A.Magnitskogo. Moskva, Izd-vo geodez. lit-ry,
1961. 256 p. (MIRA 15:3)
(Earth--Figure) (Gravity)

MAGNITSKIY, Vladimir Aleksandrovich, prof., doktor tekhn.nauk; FAYN-
BOYM, I.B., red.; HAZAROVA, A.S., tekhn.red.

[Internal structure of the earth] Vnutrennee stroenie Zemli.
Moskva, Izd-vo "Znanie," 1961. 38 p. (Vsesoiuznoe obshche-
stvo po rasprostraneniю politicheskikh i nauchnykh znaniy.
Ser.12, Geologiya i geografiya, no.7) (MIRA 14:5)
(Earth--Internal structure)